

WIS 19 Reconstruction Project Public Involvement Meeting #2

WisDOT SW Region – Madison
November 29, 2018
DeForest Village Hall
120 South Stevenson Street



Overview of presentation

- ▶ Introductions
- ▶ Project Overview
- ▶ Project History
- ▶ Proposed Design
- ▶ Schedule
- ▶ Answer Questions



Project Team

- ▶ Karla Knorr – WisDOT Project Development Supervisor
- ▶ Alex Hagen – WisDOT Project Manager
- ▶ Matthew Barr – Ayres Associates Project Manager
- ▶ Kevin Kuhlow – Ayres Associates Designer

Subconsultants

- ▶ KL Engineering – Environmental Document, Drainage Design
- ▶ JT Engineering – Field Survey, Right-of-Way Plat
- ▶ Soils & Engineering Services (SES) – Soil Borings



Project Overview

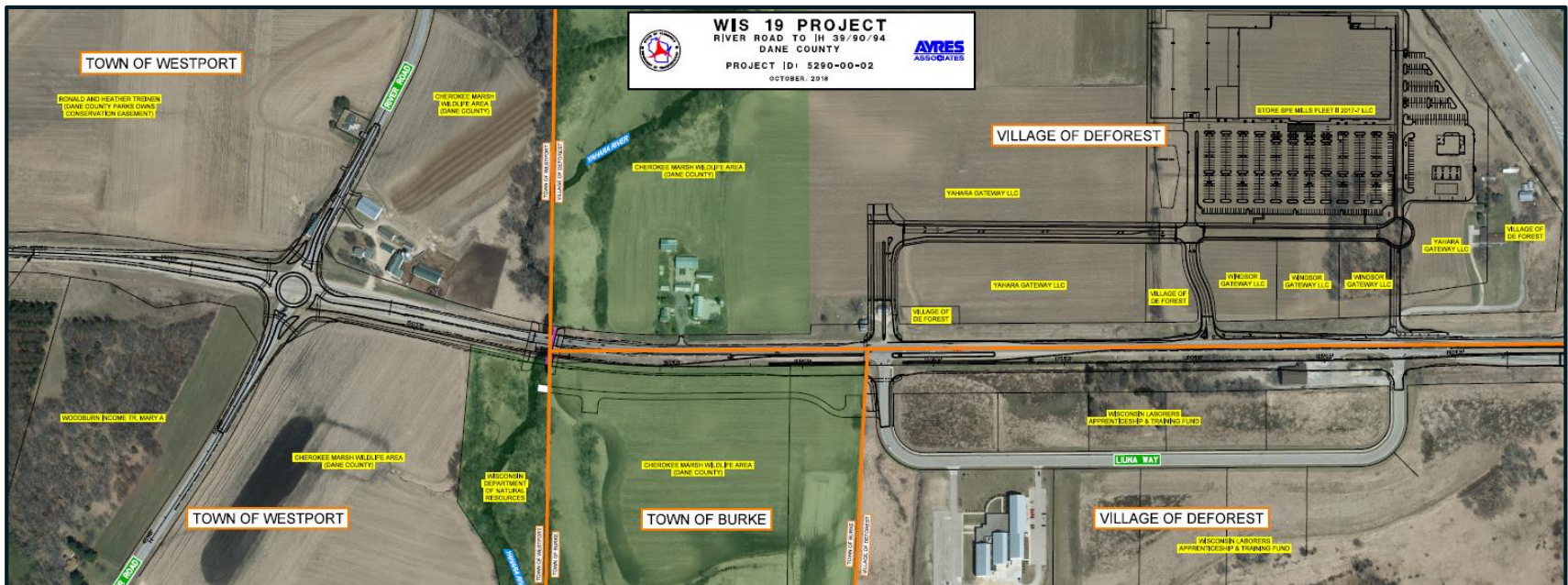
- ▶ Replace existing deteriorating bridge
- ▶ Expand WIS 19 to 4 lanes to increase capacity and improve traffic operations
- ▶ Add roundabout at River Road intersection
- ▶ Install traffic signals at Tierney Crossing/West Liuna Way intersection



Project Overview

Adjacent Municipalities

- Village of DeForest
- Town of Burke
- Town of Westport



Project Overview

Traffic Volumes (vehicles per day)

- ▶ WIS 19 (east of River Rd)
 - 2016 – 18,000
 - 2040 – 33,000
- ▶ River Road (south leg)
 - 2016 – 3,300
 - 2040 – 5,900
- ▶ River Road (north leg)
 - 2016 – 3,000
 - 2040 – 5,600



Project History

- ▶ Concept Definition Report – June 2012
- ▶ WisDOT Scoping Meetings – 2013 and 2014
- ▶ Current Design Project Initiated – December 2015
- ▶ Data Collection, Agency Coordination, & Conceptual Design – January 2016 to November 2016
- ▶ Alternative Analysis – July 2016 to October 2016
- ▶ Local Officials Meeting #1 – November 15, 2016
- ▶ Public Involvement Meeting #1 – November 29, 2016
- ▶ Refine Design Concepts/Assess Impacts – December 2016 to May 2018

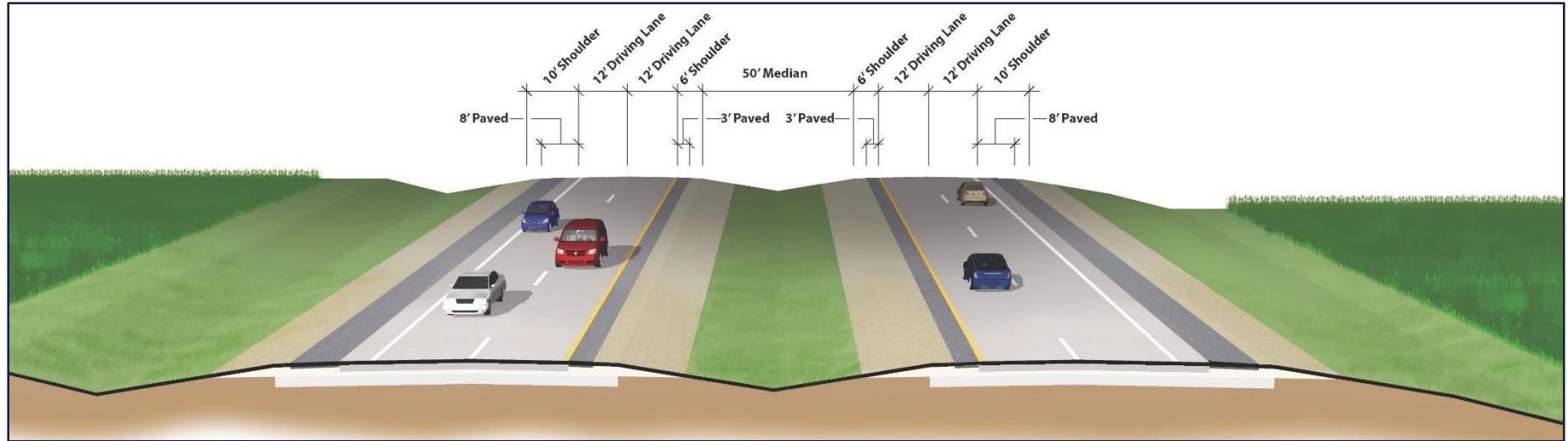


Project History

- ▶ Environmental Document Approval – May 17, 2018
- ▶ Design Study Report Approval – June 7, 2018
- ▶ Right-of-Way Plat Completion – August 2018
- ▶ Initiate Real Estate Acquisition Process – September 2018
- ▶ New Fleet Farm Development Opens Along Project Corridor – October 2018
- ▶ Local Officials Meeting #2 – October 25, 2018
- ▶ Public Involvement Meeting #2 – November 29, 2018



Proposed Typical Section



- ▶ 4 traffic lanes
- ▶ 50-foot median
- ▶ 10-foot shoulder along outside lane
- ▶ 6-foot shoulder along inside lane

Proposed Design

- ▶ Speed limit
 - Recently revised
 - 55 mph west of Tierney Crossing/W. Liuna Way, 45 mph east
- ▶ Bridges over Yahara River
 - Two 90-foot long single span structures
 - Single spans eliminate need for piers in stream
- ▶ Raise roadway grade across Yahara River bridges to maintain existing clearance over river
- ▶ Minimize impacts to Dane County and DNR properties (Section 4f lands)
- ▶ Minimize access points to improve safety



Proposed Design

- ▶ 8' paved shoulders along WIS 19 which can accommodate bikes
- ▶ Wider ditches in some areas to improve water quality
- ▶ Stormwater detention between WIS 19 and access road to Yahara River
- ▶ Culverts added to drain median
- ▶ Storm sewer added at River Road and Tierney Crossing/W Liuna Way
- ▶ 7.6 acres of new acquisition and 0.85 acres of temporary easement required
- ▶ Estimated construction cost - \$9,800,000



River Road Intersection

- ▶ Reconstructed to current configuration in 2002



River Road Intersection

- ▶ Multilane roundabout proposed
- ▶ Two lanes in each direction along WIS 19 and one lane in each direction along River Road
- ▶ Partial right turn bypass lanes on River Road
- ▶ Roundabout provides adequate capacity and level of service



River Road Intersection

- ▶ Traffic required to slow down resulting in less severe crashes
- ▶ Sidewalk will not be constructed but graded will be completed to allow for adding it in the future
- ▶ Two overhead sign structures along WIS 19 approaches
- ▶ Lighting at roundabout and along WIS 19 approaches to roundabout
- ▶ Create mound in center to height of 3.5 to 6 feet
- ▶ Grass proposed as low-cost/low maintenance option

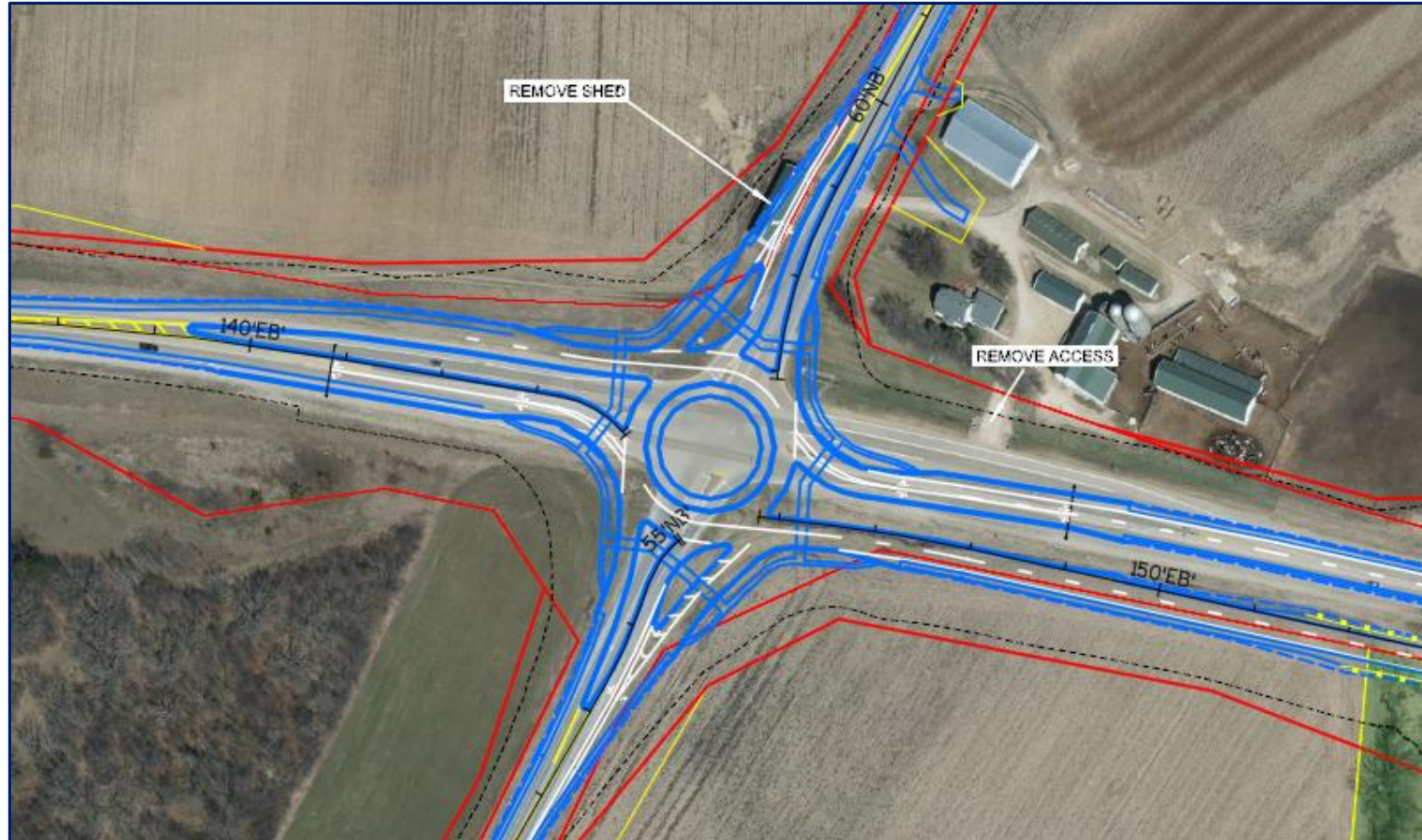


River Road Intersection

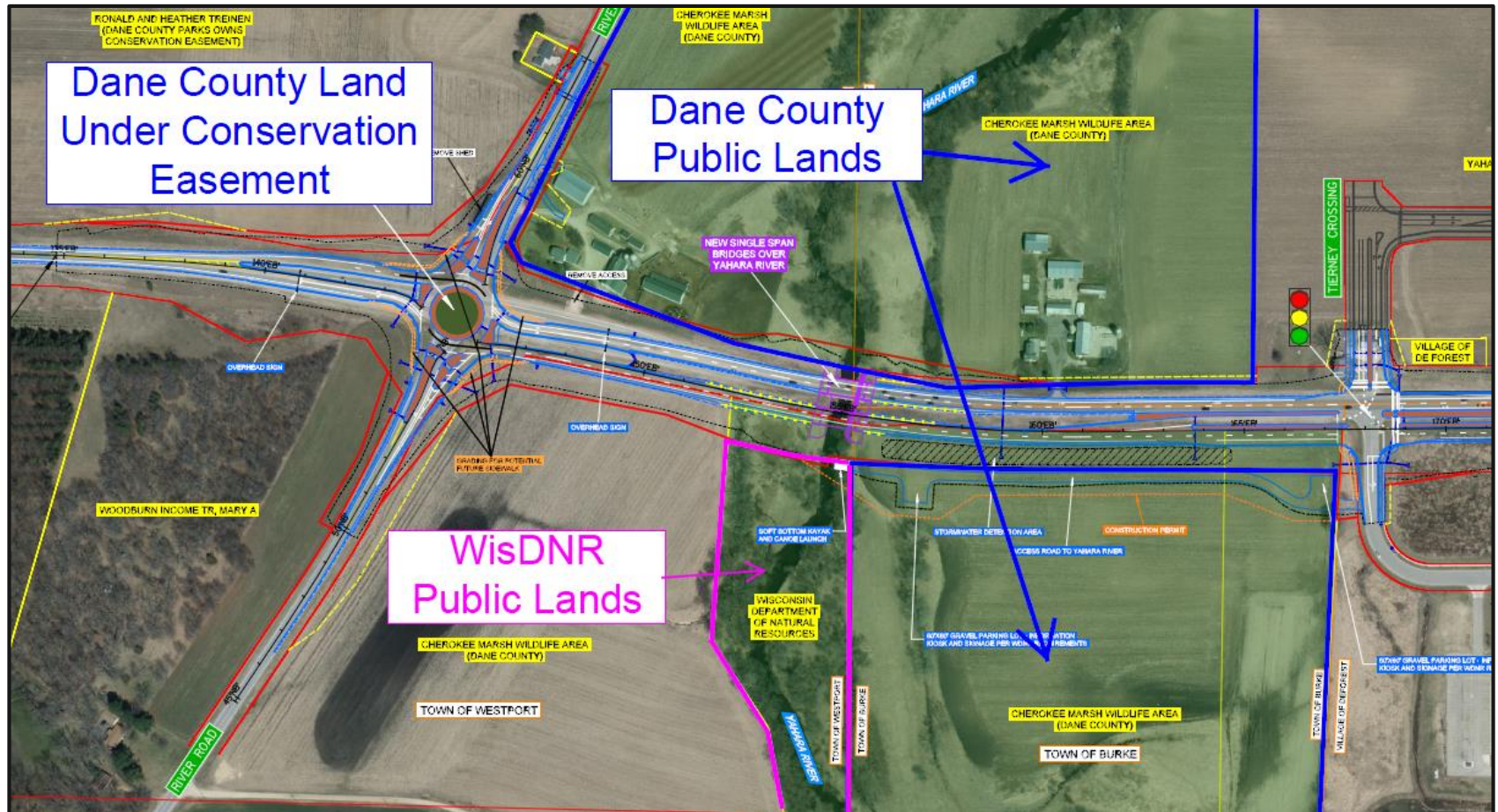
- ▶ Example overhead sign



River Road Intersection



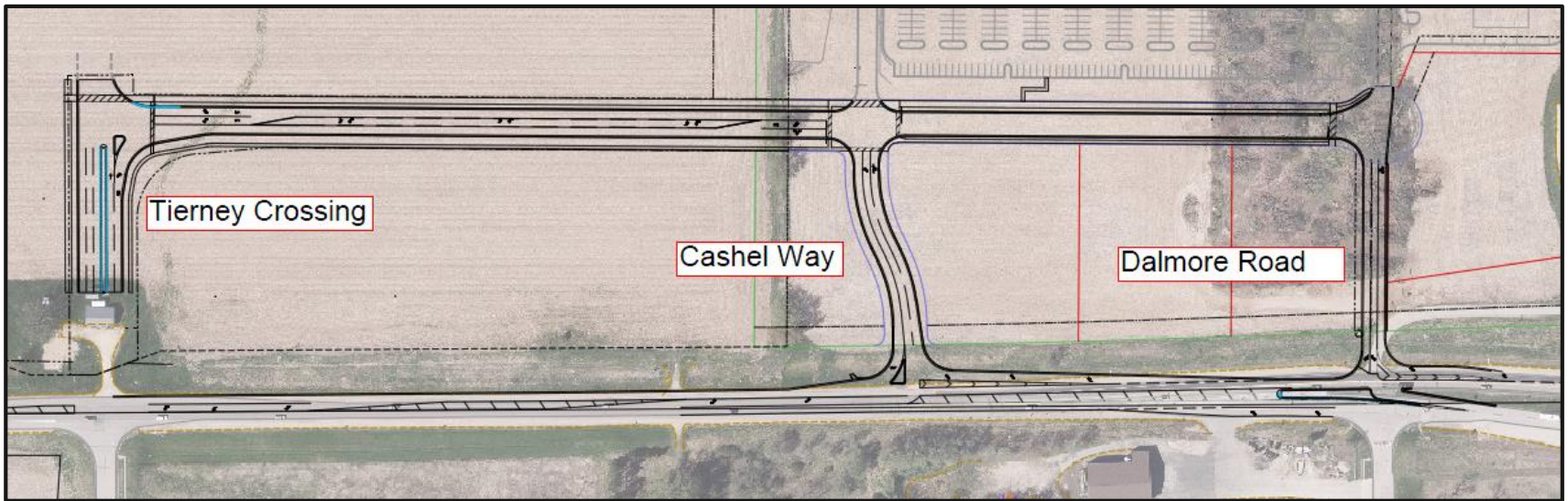
Public Lands Along Corridor



Fleet Farm Access

Current Condition

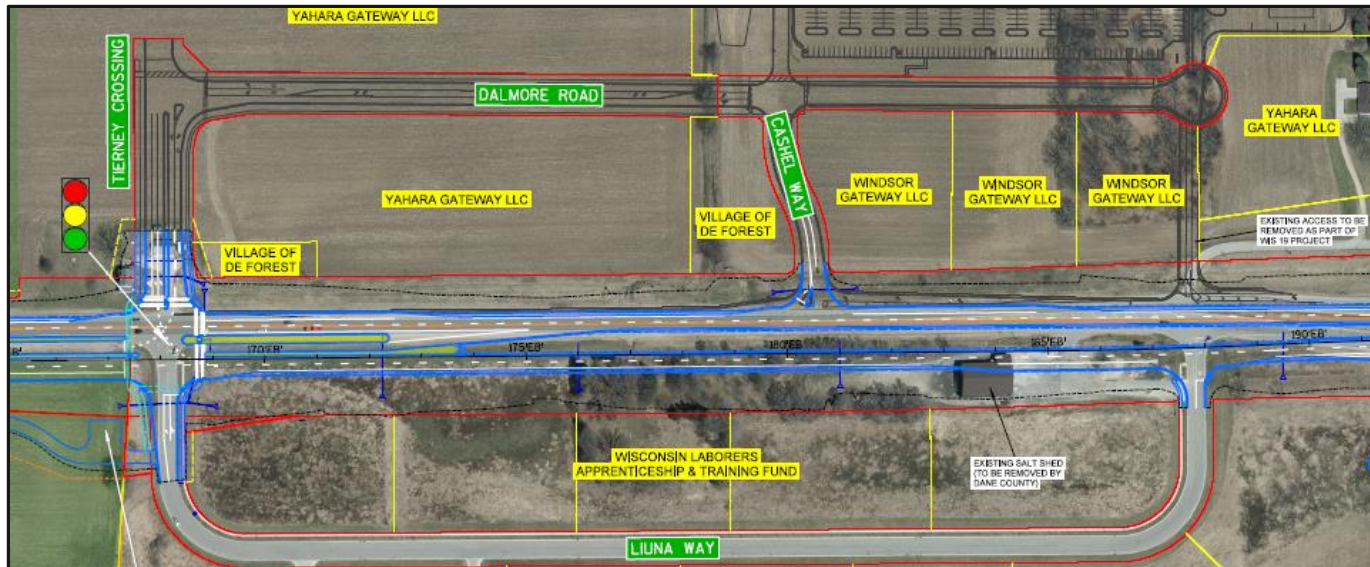
- ▶ Tierney Crossing – Road not open
- ▶ Cashel Way – Left-in, Right-in, Right-out access
- ▶ Dalmore Road – Right-in, Right-out, Left-out access



Fleet Farm Access

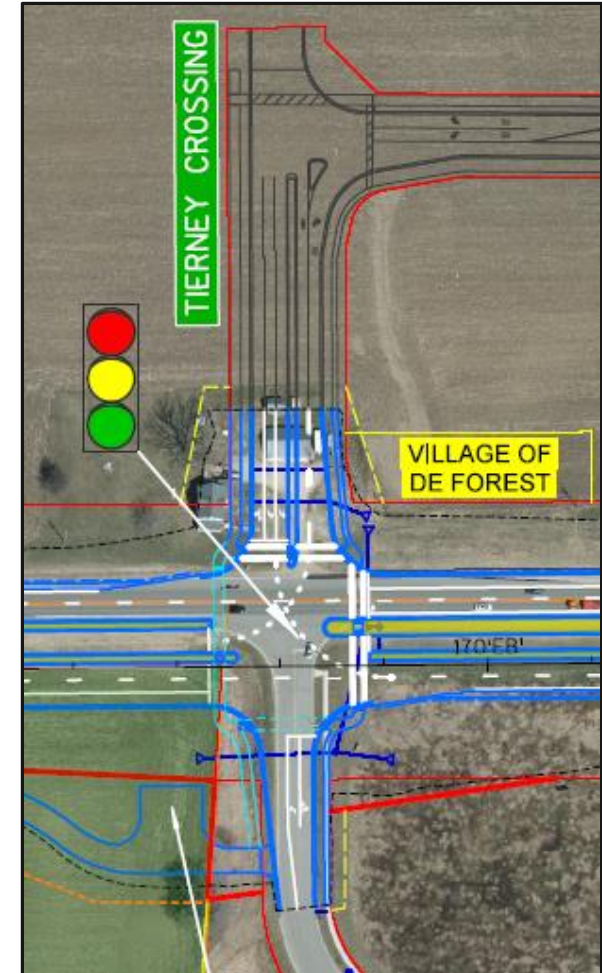
After Construction of WIS 19 Project

- ▶ Tierney Crossing – Signalized intersection
- ▶ Cashel Way – Right-in, Right-out access
- ▶ Dalmore Road – Access removed



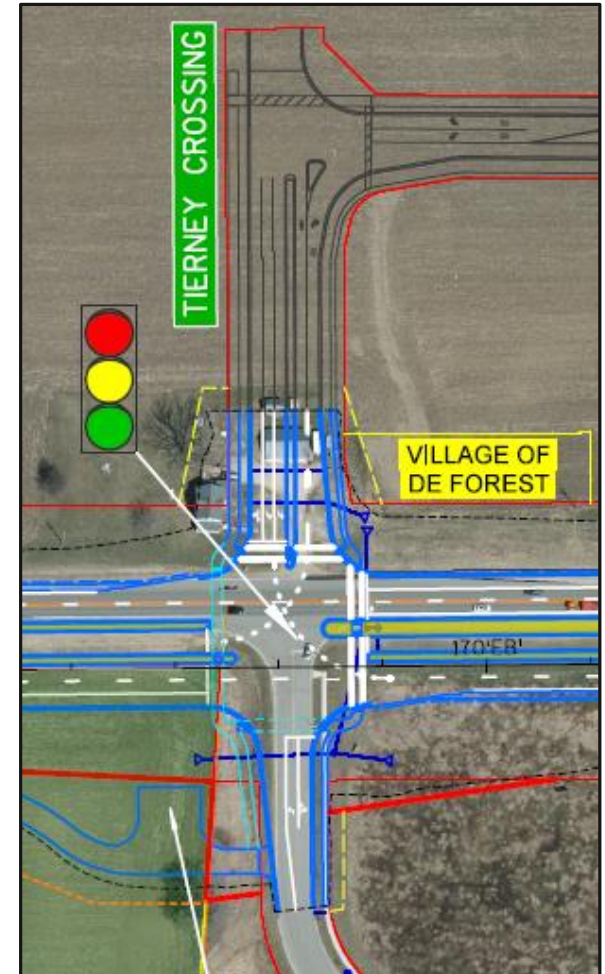
Tierney Crossing/W. Liuna Way

- ▶ Fully signalized intersection
- ▶ Overhead lighting
- ▶ Double left turn lanes for eastbound WIS 19
- ▶ Single left turn lane for westbound WIS 19
- ▶ Right turn lanes along WIS 19



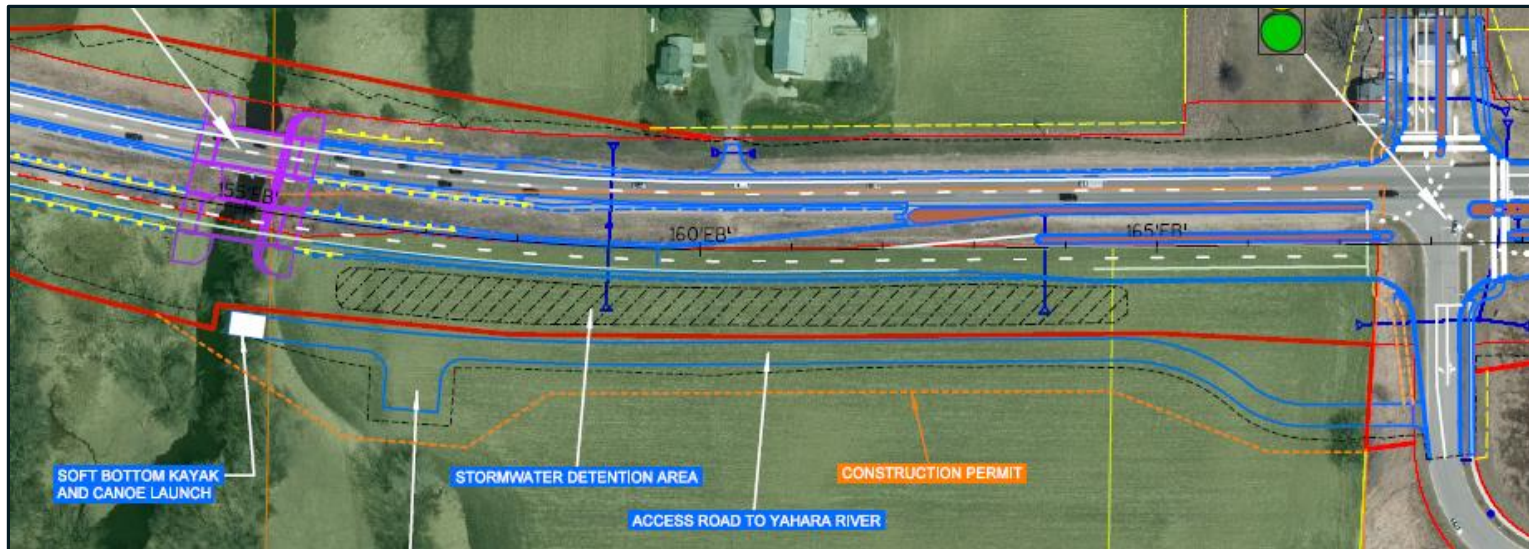
Tierney Crossing/W. Liuna Way

- ▶ Northbound
 - 1 Left turn lane
 - 1 Through/Right turn lane
- ▶ Southbound
 - 2 left turn lanes
 - 1 Through/Right turn lane
- ▶ Pedestrian access – Along north and east legs
- ▶ Access road to Yahara River



Access Road to Yahara River

- ▶ Coordinated details with Dane County Parks and WisDNR
- ▶ Parking area near river
- ▶ Canoe/kayak launch at river
- ▶ Information kiosks and park signage to be added



Traffic During Construction

- ▶ WIS 19 to remain open to 1 lane in each direction during construction
- ▶ Flagging not allowed during weekday peak hours
- ▶ Temporary median crossovers will be used to shift traffic
- ▶ River Road (south leg) to remain open with couple exceptions:
 - Restricted to Right-in/Right-out access for 1 week period
 - Fully closed for 1 weekend
- ▶ River Road (north leg) to be closed for majority of construction



Project Schedule

- ▶ **Public Involvement Meeting #2** **November 29, 2018**
- ▶ **Right-of-Way Acquisition** **Oct 2018 – Summer 2019**
- ▶ **Final Plan Completion** **August 2019**
- ▶ **Construction** **2020**
 - No work allowed in river between March 1 and June 15
 - Construction of new eastbound road and bridge will start first
 - After eastbound roadway completed, traffic will be shifted to that road and existing road (new westbound lanes) will be reconstructed



Comments/Feedback

- ▶ Comment forms available at check-in desk
- ▶ We encourage you to provide us your feedback
- ▶ Forms can be filled out and submitted today or mailed by the specified date



Project Contacts

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Questions?

